

Docket No.: 66396-033



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Michael J. ROBB, et al.	:	Confirmation Number: 7690
Serial No.: 10/624,940	:	Group Art Unit: 2859
Filed: July 23, 2003	:	Examiner: C. W. Fulton
For: GRADIENT CALCULATING CAMERA BOARD	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. The documents listed on the attached form were cited and submitted in a "Third-Party Submission in Published Application under 37 CFR 1.99(a)", filed September 7, 2004. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

09/24/2004 FHETEK11 00000102 500417 10624940

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10/624,940

In accordance with 37 CFR 1.17(p), please charge the fee of \$180.00 to Deposit Account No. 500417.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

A handwritten signature in black ink, appearing to read "Keith E. George", is written over the printed name.

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Robb et al.
SERIAL NO.:	10/624,940
PUB. NO.: PUB. DATE:	US 2004/0128844 A1 July 8, 2004
EXAMINER:	Fulton, Christopher W.
Art Unit:	2859
FILED:	July 23, 2003
FOR:	"Gradient Calculating Camera Board"

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 7, 2004
St. Louis, Missouri

THIRD-PARTY SUBMISSION
IN PUBLISHED APPLICATION
UNDER 37 CFR 1.99(a)

(Duplicate Copy Served To Applicant's Correspondence Address)

Sir:

The following information is submitted as relevant to the examination of the above-identified U.S. Patent Application published as U.S. Patent Application Publication No. US 2004/0128844 A1 on July 8, 2004. This submission is submitted within two months of the publication date of the application per 37 CFR 1.99(e), and is accompanied by the fee set forth in 37 CFR 1.17(p), as required by 37 CFR 1.99(b)(1). A duplicate copy of this submission has been served to the applicants' Correspondence Address listed on the face of the U.S. Patent Application Publication, as required by 37 CFR 1.99(c).

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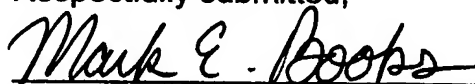
SEP 13 2004

McDERMOTT, WILL & EMERY

RELEVANT INFORMATION:

1. U.S. Patent No. 4,262,220 to *Delacruz* entitled "Optical Current Isolator Circuit", issued April 14, 1981.
2. U.S. Patent No. 5,018,853 to *Hechel et al.* entitled "Angle Sensor With CCD", issued on May 28, 1991.
3. U.S. Patent No. 5,949,901 to *Nichani et al.* entitled "Semiconductor Device Image Inspection Utilizing Image Subtraction and Threshold Imaging", issued on September 7, 1999.
4. U.S. Patent No. 6,041,148 to *Wilt* entitled "System and Method For Extracting Image Data", issued on March 21, 2000.
5. U.S. Patent No. 6,269,194 B1 to *Nichani* entitled "Method and Apparatus Using Image Subtraction and Dynamic Thresholding", issued on July 31, 2001.
6. Robotics World, May 2001, "Improvements in Machine Vision Give Robots Affordable, Reliable Eyesight", Michael E. Williams, DVT Corp. (3 pages).
7. PerkinElmer Optoelectronics Product Literature, "MVS-4000 – Machine Vision Strobe", June 2001 (2 pages).
8. Circuit Diagram – Universal Xenon Flash Transmitter – Opto-isolator Trigger, David Johnson & Associates, June 9, 2000 (1 page).
9. Sensors – June 2001 – "Advances in Machine Vision For Robot Control" by Phillip J. Heil and Michael E. Williams, DVT Corp. (4 pages).
10. Cognex 2001 Press Release – "Cognex Corporation Adds Ethernet / IP To Networkable In-Sight Vision Sensors", August 13, 2001 (3 pages).

Respectfully submitted,



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I hereby certify that this correspondence and all attachments is being deposited with the U.S. Postal Service on 9/7/04 as first class mail in an envelope addressed to:

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and that in compliance with 37 CFR 1.99(c) and 37 CFR 1.248(a)(4), a second copy of this correspondence and all attachments is being deposited with the U.S. Postal Service on 9/7/04 as first class mail in an envelope addressed to:

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listed as the Correspondence Address for U.S. Patent Application Publication 2004/0128844 A1 corresponding to U.S. Patent Application No. 10/624,940.

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9/7/04
Date of Signature